

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Barabanki/198

Date : 25.11.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Paliya Masoodpur, Block – Banki  
Distt. – Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 165 mbgl

Date of Logging : 25.11.23

Types of Log : S.P. & Resistivity (Normal & Lateral)



Logger Used : Upton

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	$R_{mf}$ & $R_w$
1	37 – 42	5	Good	$R_{mf} = 19.8 \Omega m$ $R_w = 20.2 \Omega m$
2	45 – 52	7	Good	
3	66 – 82	16	Good	
4	93 – 99	6	Good	
5	117 – 123	6	Good	
6	127 – 137	10	Good	
7	145 – 150	5	Good	

**Remark :** Almost all zones are intermixed with fine bands of kankar. Clay kankar exist below 150 mbgl to till depth logged..

C C : Executive Engineer (E/M Div.) U P Jal Nigam (Gramin), Ayodhya

  
  
(A.K. Singh)  
Geophysicist